

# **MOBILITY MANAGER IN A WIRELESS IP CORE NETWORK**

## **ABSTRACT OF THE DISCLOSURE**

The functions performed by a mobile switching center (MSC) may be divided between two entities. A mobile control function performs mobility management functions such as roaming control, implementing hand-off, and coordinating bearer traffic flow. A call agent performs call control functions such as call setup, call tear down, and advanced call features such as call hold, call waiting, etc. The call agent is preferably unaware of mobile specific interfaces and can support multiple access network types including cable, DSL, PSTN, etc. This provides feature transparency for users as they use devices in each of the access domains.